

Application No.: 09/868,665

Docket No.: 20234-00072-US

AMENDMENTS TO THE CLAIMS

This listing of the claims will replace all prior versions, and listings of claims in the application:

Listing of Claims:

1. (Original) A high voltage surge arrester comprising a plurality of serially connected arrester stages each of which comprises a plurality of electrically matched low voltage surge arresters connected in parallel, the low voltage surge arresters of each stage being connected together and to the surge arresters of the or each next adjacent stage by means of a multiple limbed mounting bracket having corona suppression means at the end of each limb.
2. (Original) A high voltage surge arrester as claimed in claim 1 wherein at the top of the surge arrester the corona suppression means comprises at least one corona suppression ring.
3. (Previously presented) A high voltage surge arrester as claimed in claim 1 wherein the corona suppression means at the ends of the limbs of the or each said mounting bracket supporting the ends of adjacent serial stages of the arrester comprise individual bodies associated each with a respective one of the limbs.

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4. (Previously presented) A high voltage surge arrester as claimed in claim 1 which is adapted for station class operation and wherein the low voltage surge arresters are distribution class surge arresters.

5. (Previously presented) A high voltage surge arrester as claimed in claim 1 wherein the low voltage surge arresters are polymer housed solid state surge arresters.

6. Cancelled

7. (New) A high voltage surge arrester comprising:

a plurality of serially connected arrester stages, each of said stages including a plurality of electrically matched low voltage surge arresters connected in parallel;

a multiple limbed mounting bracket connecting each of said stages together so that arresters of each stage are aligned along a common line with arresters of an adjacent stage; and

corona suppression means supported on said multiple limbed mounting bracket.

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8. (New) A high voltage surge arrester comprising:

a first plurality of electrically matched low voltage arresters spaced apart and parallel to each other;

a second plurality of electrically matched low voltage arresters in line with said first plurality of arresters; and

a first bracket having radial limbs which connect first ends of said low voltage surge arresters of said first plurality of arresters to first ends of said surge arresters of said second plurality of arresters, forming a series circuit between parallel connected first and second plurality of surge arresters.

9. (New) A high voltage surge arrester according to claim 8 further comprising:

a first corona suppression means supported to said radial limbs.

10. (New) The high voltage surge arrester comprising:

a second bracket connected to a remaining end of said first plurality of electrically matched low voltage arresters; and

said second bracket supporting a second corona suppression means.

11. (New) The high voltage surge arrester according to claim 10 wherein said second corona suppression means comprise a pair of parallel spaced apart rings.